



PREDIS

Final Conference 2024 Technical Workshop 5.6.2024

MARIA OKSA & ERIKA HOLT, VTT

THE WORKSHOP STARTS AT 9:00 (CET)

PLEASE MUTE YOUR MICROPHONE AND TURN OFF YOUR
CAMERA

YOU CAN USE THE TEAMS CHAT FOR QUESTIONS AND
COMMENTS



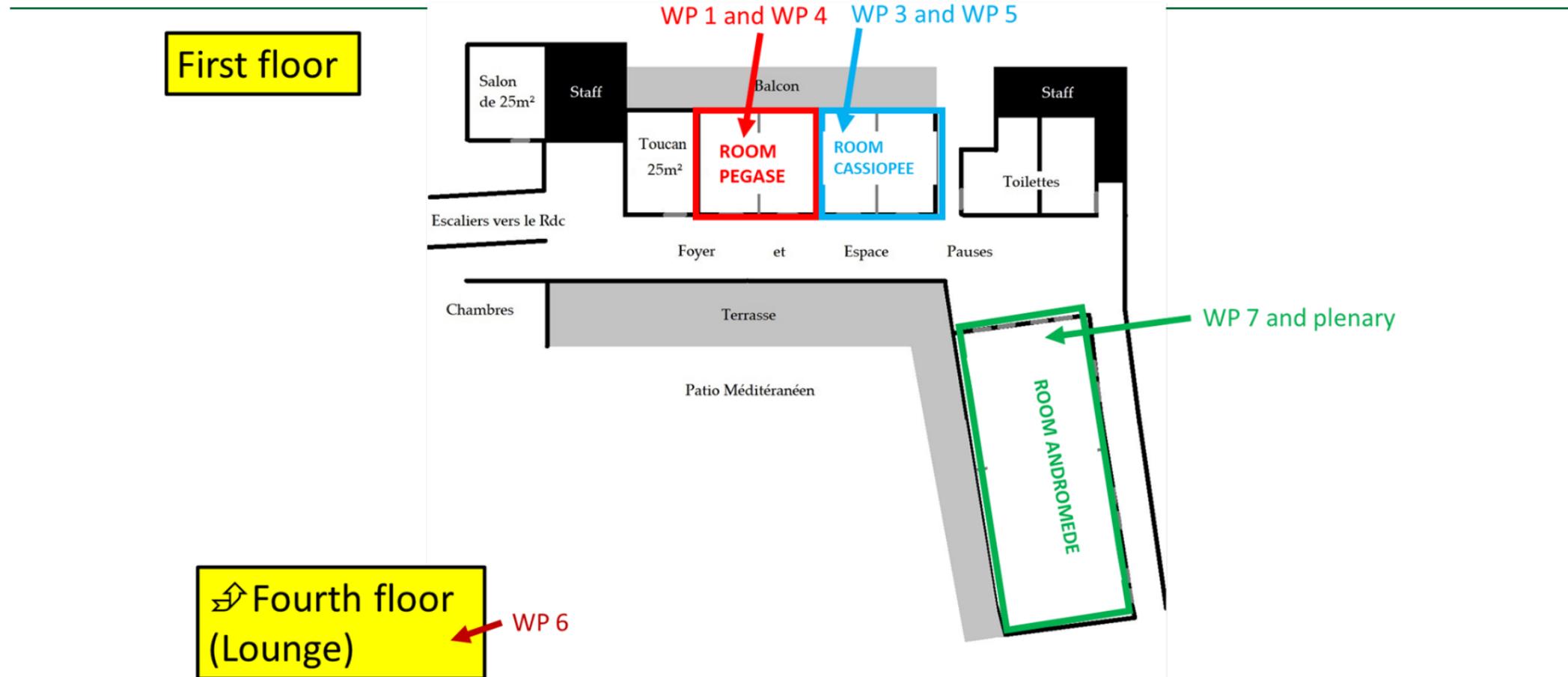
This project has received funding from the Euratom research and training programme 2019-2020 under grant agreement No 945098.

General Reminders

- Please use the PREDIS Event within the Euratom4U App to see the agenda, get announcements, etc. From web or QR code at the right
<https://event.do/fisaeuradwaste>
- Convention room WiFi: **User =SEMINAIRE / Password : seminaire2021**
- No Emergency or Fire Drills planned. Meeting spot front of building
- Emergencies: Helene Nonnet +33 6 31 99 12 54 (*WhatsApp or SMS or phone ok*)
- Catering:
 - Special diets should always inform the waiter
 - Dinner is available at Novotel – please inform hotel receptionist earlier in the day if interested (so the kitchen is prepared)



Novotel Meeting Rooms



Agenda for PREDIS Public Technical Workshop

Wednesday 5.6.2024

9:00 Welcome by Coordinator (VTT)

9:15 **Status updates and scientific presentations on Technical Work Packages, part 1**

- 9.15-10.30 WP4 Innovations in metallic treatment and conditioning

Coffee 10.30-11.00

- 11.00-12.15 WP5 Innovations in liquid organic waste treatment and conditioning
- 12.15-12.45 Discussion on WP4-WP5 topics

Lunch 12.45-14.00

14.00 **Status updates and scientific presentations on Technical Work Packages, part 2**

- 14.00-15.15 WP6 Innovations in solid organic waste treatment and conditioning

Coffee 15.15-15.45

- 15.45-17.00 WP7 Innovations in cemented waste handling and pre-disposal storage

17.00-17.30 Discussion

17.30 Summary & Adjourn

20:00 Conference Gala dinner

PREDIS PROJECT OBJECTIVES

Overarching Objective: Develop better solutions for treatment and conditioning of LILW streams

- SAFE, but cheaper, more sustainable or effective alternative processes
- assess that solutions meet WAC and can be disposed of eventually

Specific Objectives (to meet above):

- 1) Use multi-disciplinary, multi-scale scientific approaches to demonstrate technical, economic and environmental feasibility of the new solutions;
- 2) Address project drivers from the End Users' viewpoint;
- 3) Have strong collaboration between international experts & across generations;
- 4) Accelerate practical training of new experts;
- 5) Produce and revise predisposal guidance documents



PREDIS in nutshell – status from spring 2024

Contributions (- RP2)



1561+ person months
449 persons (37 % female,
63 % male)

Outcomes



48 milestones
- 8 to be produced
33 deliverables
- 33 to be produced

Website



> 4300 users
> 9600 sessions
> 24500 pageviews

Publications



30+ Scientific articles
100+ Conference presentations
1 Position paper
7 Newsletters
Newsletter #8 out in summer 2024

Webinars



19 organised
> 450 individual participants
41 countries
4 open workshops
Webinars/trainings to come

Collaboration



4 MoUs signed
1 Joint statement
Coop with
international bodies

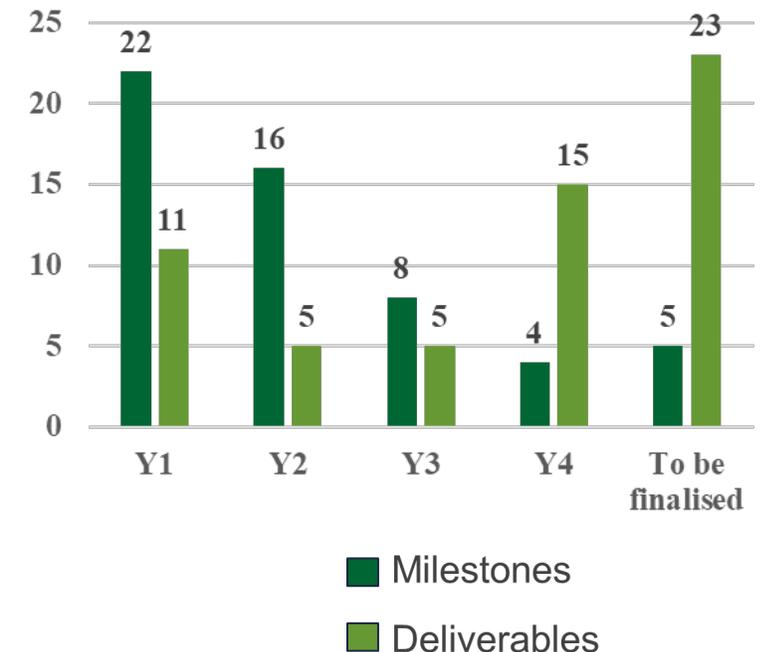
Achievement of Project Holistic KPIs for Objectives

Project's specific objective	KPI as measure of success	Targets, by project end	Status 02-2024	Estimate by project end
Applying multi-disciplinary and multi-scale scientific approaches to demonstrate the new solutions	Increase of TRL and innovations (see Table 1.5, Section 1.4.2 examples), WP4–7	At least +1 TRL level increase for 10 or more innovative solutions	☹️	😊
	Technical/scientific journal publications (open access)	At least 25 submitted	😊	😊
	Generate invention notifications (pre-patent)	At least 4 submitted	☹️	😊 + After project
Addressing project drivers from the end users' point of view	Participation of industry to EUG	At least 20 at start, 30 by project end	😊	25 😊
	Demonstration or trial deployment of new technologies (WP4–7)	At least 3 by EUG members, in different Member states	☹️	😊
	Adoption or refining of national WAC based on project guidelines (WP2)	At least 8 EUG members implement	☹️	Assessed at the end of the project 😊
Fostering deeper cooperation between experts from many EU Member-states	Engagement of other countries, beyond PREDIS membership	Participants from at least 5 other countries to workshops	😊	😊
	Individual subscribers to project newsletter (WP1)	At least 200, from over 25 countries	😊	😊
Training new experts in the field of predisposal waste management technologies	Number of PhD and Postdoc students (see Table 3.4c)	At least 15	😊	😊
	Number of mobility between partners (WP3)	At least 20	😊	😊
	Number of training modules produced (WP3), in cooperation with EURAD	At least 6	😊	😊
Updating and revising predisposal guiding documents	Producing cooperative deliverables with EURAD	At least 5	Not possible	-
	Completed feedback from EUG for SRA (WP2)	At least 20	☹️	☹️
	Project feedback from EUG members at annual workshops	Average score 9.6 out of 10 (survey questions)	😊	😊

Outcomes of the project available

- All publications and presentations will be available at PREDIS website: <https://predis-h2020.eu/>
 - Deliverable and milestone reports
 - Scientific journal papers and conference presentations
 - Webinar recordings and presentations
 - Case studies and blog texts
 - Domain Insight contributions on predisposal for EURAD Roadmap
- Website to be maintained for the next 1-2 years → inclusion into EURAD-2 website
- Case studies targeted to under IAEA

Published milestones and deliverables



Positive feedback from the EC review

- Comments out of Hans's presentation



PREDIS SWOT Analysis Conclusions (towards EURAD-2)

Strengths	Weaknesses
<ul style="list-style-type: none">- Excellent Consortium: positive/cooperative atmosphere, high commitment/engagement, students- Stakeholder/EUG/IAEA cooperation and outreach- Scientific excellence, multidisciplinary, experience- Streamlined organization issues- Communication (webinars, workshops, newsletters)<ul style="list-style-type: none">- Embracing online digital world with best practices- Creating good impacts to wide international community	<ul style="list-style-type: none">- Need more input from waste generators, WMOs- Gathering commitment and value for all in Strategy (WP2) and Knowledge Management (WP3) activities- Large project organisation (communication needs)- Limited inter-WP exchanges- Lacking face-to-face (f2f) interactions- Diversity of partner roles
Opportunities	Threats
<ul style="list-style-type: none">- Technical development achievements and impact for stakeholders/EUG, advancing TRLs- Exchange of best practices, real-world cases (IAEA collaboration)- Embracing the digital domain together with f2f (hybrid)- Holistic cradle to grave solutions	<ul style="list-style-type: none">- Are we addressing the technical and KM priorities, which Member States can use?- Sufficient representative end-users feedback and inputs (esp. SNETP)- Lacking advisory function on the predisposal issues (Chief Scientific Officer, External Advisory Board)- Can we secure the co-financing needs?



Status on Strategic Implementation Work Package

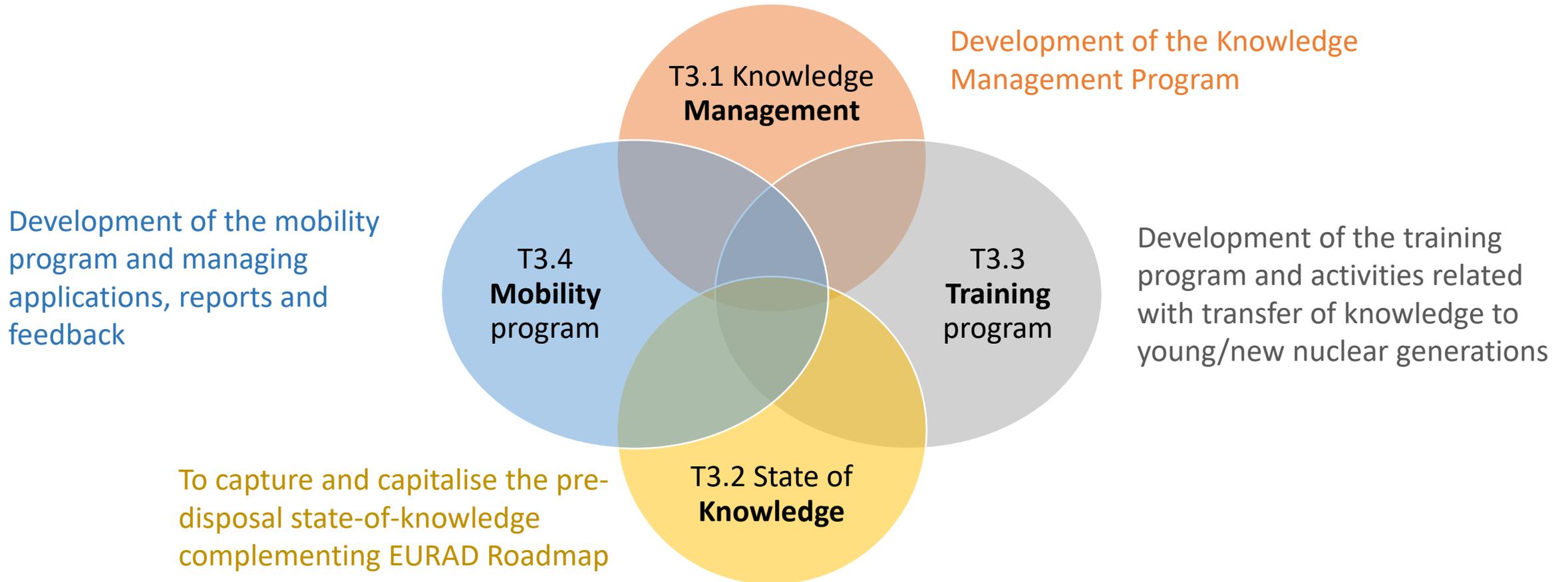
WP2 slides



Status on Knowledge Management Work Package



Structure



WP3 Knowledge Management - Overall Summary



51 students in total
(KPI = 15)



1 theme overview
12 domain insights



19 webinars



glossary (IAEA)



8 courses



2 games



65 mobility's
(KPI = 20)



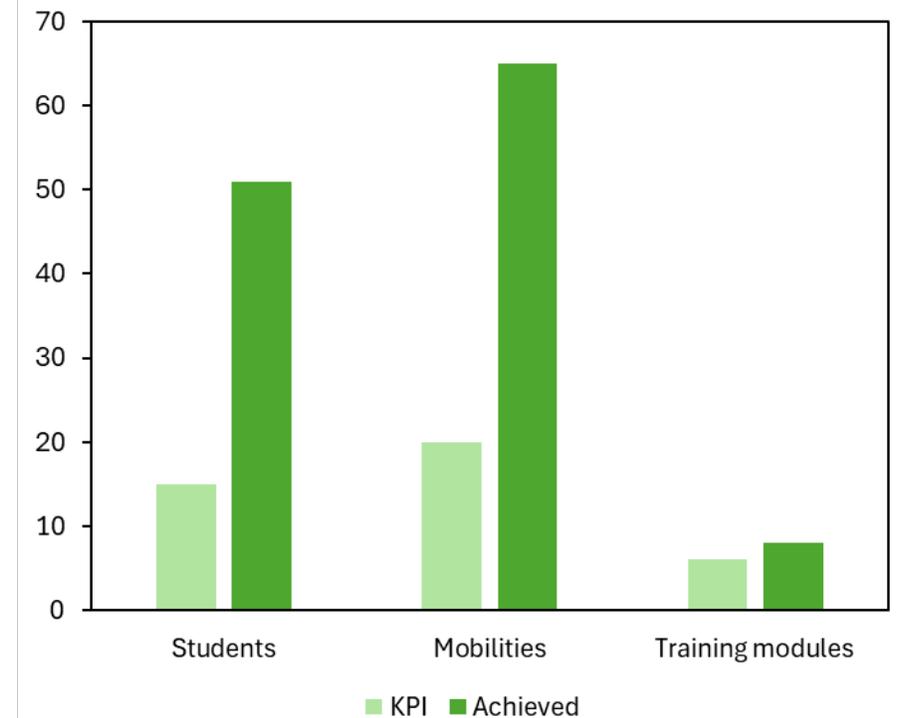
2 case studies



11 conferences
11 oral presentations
3 posters
7 publications

WP Assessment of KPIs

- Key performance indicators set for training of new experts in the field of pre-disposal waste management technologies has been achieved
- Project's specific WP3 objective: training of new experts in the field of pre-disposal waste management technologies, with KPI's:



Lessons learned



Good practices:

- Integrated KM program throughout PREDIS
- Student group network, supported by the possibility to apply for more than one mobility per person during the project
- Training developed based on the PREDIS community needs using gap analysis
- Integrated with international knowledge providers



Challenges:

- 9 out of 65 are internships – too low WP exchanges
- Communication previous to training
- Challenges to find experts with a generalist view of particular DI topics, as well as reviewers

Thank
you!



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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 945098.

Status updates and scientific presentations on Technical Work Packages, part 1

Coffee Break 10.30 CET

Resume at 11.00 CET



Lunch Break at 12.45 CET
Resume at 14.00 CET



1) What do you think (in under 5 words)?

**What was the most important learning or training topic
for you in PREDIS?**

[Presentation Link](#)

Coffee / Poster Session 15.15 Resume at 16.00 CET

**Please present your posters!
Voting for best after coffee**



Poster Session

Which was your favourite poster? VOTE NOW!



Status updates and scientific presentations on Technical Work Packages, part 2

DAY'S DISCUSSION





2) What do you think (in under 5 words)?

What was the most important technical issue addressed or improved in PREDIS?

[Presentation Link](#)

END OF DAY - OTHER REMINDERS *(if leaving today)*

- EC needs Evaluators who have waste management (predisposal!) competences. Please consider and encourage colleagues to register <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/work-as-an-expert>
- Return your nametag badges and lanyards to the box at the Registration table upon departure
- We look forward to seeing you at EURAD-2 (23-25.10.2024, Brussels) and EURADWASTE (13-16.5.2025, Warsaw)
- We appreciate your feedback on the event (or QR code): <https://www.lyyti.fi/questions/29bc703243>



**Restaurant
Numéro 75**
75 Rue Guillaume Puy
84000 Avignon

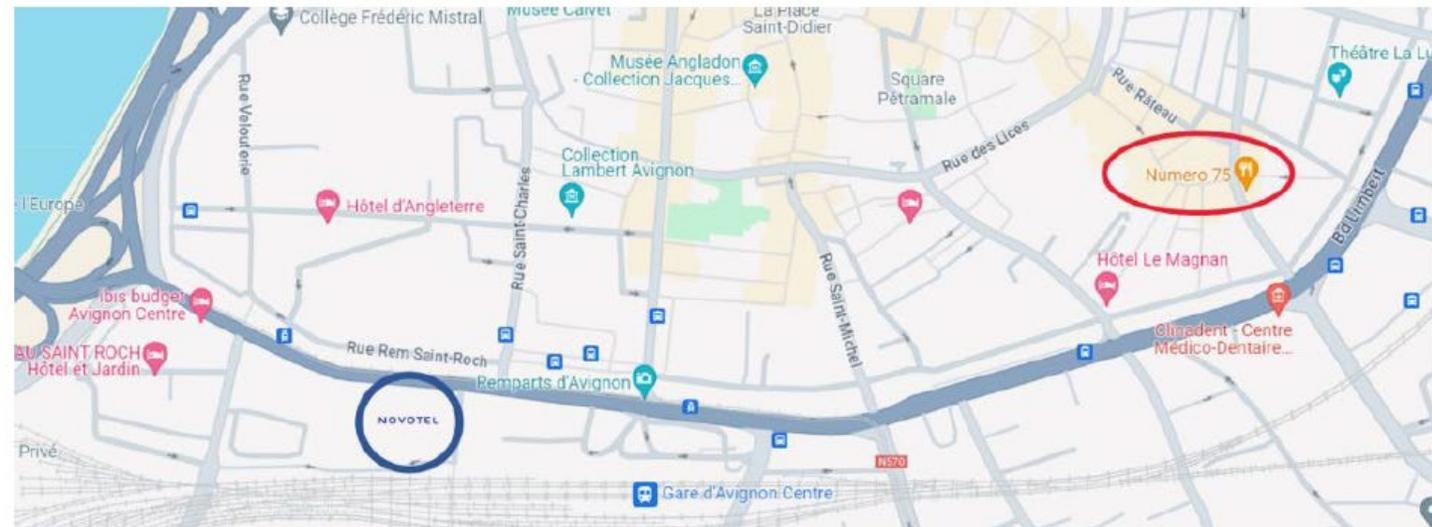
W : <https://www.numero-75.com/>



GALA DINNER at 20.00

- Free to registered participants
- Welcome to "dress up"
- Please still wear your badge when entering

The restaurant is located a 1 km from the Novotel Avignon Center (15-minute walking distance).





Thank you!

Link to the Wednesday meeting: [Join the meeting now](#)



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Join at
slido.com
#1216 6104

What was the most important learning or training topic for you in PREDIS?



